

SN3262 – Network Administration, Management and Security

Exercise 3: Simple Network Management Monitoring Tool

You are to build a simple tool that will continuously monitor a particular “Linux” machine and inform you if it is “up” or “down”.

- If you are to build an application that continuously monitors a machine it would be easiest to use a simple Bash script that makes use of simple Bash control constructs e.g. *while do done*.

See the following URLs for help with Bash.

<http://www.gnu.org/software/bash/manual/bash.html>

<http://en.tldp.org/HOWTO/Bash-Prog-Intro-HOWTO.html>

<http://www.tldp.org/LDP/abs/html/>

<http://linuxcommand.org/lts0010.php>

<http://steve-parker.org/sh/sh.shtml>

If you have not already done so, look at the script *mystery2.sh* on the Additional Materials web page and see if you can figure out what it is doing.